

Most Stones Removed with Same Row or Column [\(View\)](#)

On a 2D plane, we place n stones at some integer coordinate points. Each coordinate point may have at most one stone.

A stone can be removed if it shares either **the same row or the same column** as another stone that has not been removed.

Given an array `stones` of length n where `stones[i] = [xi, yi]` represents the location of the i^{th} stone, return *the largest possible number of stones that can be removed*.

Example 1:

Input: `stones = [[0,0],[0,1],[1,0],[1,2],[2,1],[2,2]]`

Output: 5

Explanation: One way to remove 5 stones is as follows:

1. Remove stone `[2,2]` because it shares the same row as `[2,1]`.
2. Remove stone `[2,1]` because it shares the same column as `[0,1]`.
3. Remove stone `[1,2]` because it shares the same row as `[1,0]`.
4. Remove stone `[1,0]` because it shares the same column as `[0,0]`.
5. Remove stone `[0,1]` because it shares the same row as `[0,0]`.

Stone `[0,0]` cannot be removed since it does not share a row/column with another stone still on the plane.

Example 2:

Input: `stones = [[0,0],[0,2],[1,1],[2,0],[2,2]]`

Output: 3

Explanation: One way to make 3 moves is as follows:

1. Remove stone `[2,2]` because it shares the same row as `[2,0]`.
2. Remove stone `[2,0]` because it shares the same column as `[0,0]`.
3. Remove stone `[0,2]` because it shares the same row as `[0,0]`.

Stones `[0,0]` and `[1,1]` cannot be removed since they do not share a row/column with another stone still on the plane.

Example 3:

Input: `stones = [[0,0]]`

Output: `0`

Explanation: `[0,0]` is the only stone on the plane, so you cannot remove it.

Constraints:

- `1 <= stones.length <= 1000`
- `0 <= xi, yi <= 104`
- No two stones are at the same coordinate point.